

FEDERAL THREATENED, ENDANGERED, CANDIDATE, AND OTHER SPECIES OF CONCERN LIKELY TO OCCUR IN THE FLORIDA PANHANDLE

Compiled by the U.S. Fish and Wildlife Service December 2014

Common Name	Scientific Name	FWS Status	State Status	Natural Communities	Bay	Cal	Esc	Fra	Gad	Gul	Hol	Jac	Jef	Leo	Lib	Oka	San	Wak	Wal	Was
Amphibians:																				
Florida bog frog	<i>Rana okaloosae</i>	SSC	ce	Palustrine: seepage slope, baygall Riverine: seepage slope, seepage stream												Oka	San		Wal	
Frosted flatwoods salamander	<i>Ambystoma cingulatum</i>	T (CH)		Palustrine: wet flatwoods, dome swamp, basin swamp Terrestrial: mesic flatwoods (reproduces in ephemeral wetlands within this community)				Fra					Jef		Lib			Wak		
Georgia blind salamander	<i>Haideotriton wallacei</i>	Petition	ce	Subterranean: aquatic cave								Jac								
Gopher frog	<i>Rana capito</i>	Petition	ce	Terrestrial: sandhill, scrub, scrubby flatwoods, xeric hammock (reproduces in ephemeral wetlands within these communities)	Bay	Cal	Esc	Fra	Gad	Gul	Hol	Jac	Jef	Leo	Lib	Ok	San	Wak	Wal	Was
One-toed amphiuma	<i>Amphiuma pholeter</i>	Petition		Riverine: creek, low gradient Palustrine: forested wetland, riparian, scrub-shrub wetland, temporary pool	Bay	Cal			Gad			Jac	Jef	Leo	Lib	Oka	San	Wak	Wal	Was
Reticulated flatwoods salamander	<i>Ambystoma bishopi</i>	E (CH)		Palustrine: wet flatwoods, dome swamp, basin swamp, Terrestrial: mesic flatwoods (reproduces in ephemeral wetlands within this community)	Bay	Cal	Esc			Gul	Hol	Jac				Oka	San		Wal	Was
Striped newt	<i>Notophthalmus perstriatus</i>	C	SSC	Terrestrial: sandhills, scrub, scrubby flatwoods, xeric hammocks, coastal strand										Leo				Wak		
Birds:																				
Bachman's sparrow	<i>Peucaea aestivalis</i>	ce		Terrestrial: various, ruderal				Fra	Gad						Lib	Oka	San	Wak	Wal	
Bald eagle	<i>Haliaeetus leucocephalus</i>	BGEPA		Estuarine: marsh edges, tidal swamp, open water Lacustrine: swamp lakes, edges Palustrine: swamp, floodplain Riverine: shoreline, open water Terrestrial: pine and hardwood forests	Bay	Cal	Esc	Fra	Gad	Gul		Jac	Jef	Leo	Lib	Oka	San	Wak	Wal	Was

E=endangered, T=threatened, P=proposed, C=candidate, SSC=species of special concern, ce=consideration encouraged, CH=Critical Habitat, BGEPA=Bald and Golden eagle protection act, Petition= has been petitioned for listing. This is not an exhaustive list of where species do occur, but a guide to indicate areas that might require surveys if appropriate habitat exists. Please contact Florida Natural Areas Inventory (850-224-8207) for additional species location information.

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Black rail	<i>Laterallus jamaicensis</i>	Petition		Palustrine: herbaceous wetland, riparian Terrestrial: grassland/herbaceous, savanna				Fra										Wak		
Florida sandhill crane	<i>Grus canadensis pratensis</i>	Petition		Lacustrine: shallow water Palustrine: herbaceous wetland, riparian Terrestrial: grassland/herbaceous, savanna				?		?					?					
Least tern	<i>Sterna antillarum</i>		T	Estuarine: various Lacustrine: various Riverine: various Terrestrial: beach dune, ruderal. Nests common on rooftops.	Bay		Esc	Fra		Gul			Jef	Leo		Oka	San	Wak	Wal	
Piping plover	<i>Charadrius melodus</i>	T (CH)	T	Estuarine: exposed unconsolidated substrate Marine: exposed unconsolidated substrate Terrestrial: dunes, sandy beaches, and inlet areas. Mostly wintering and migrants.	Bay		Esc	Fra		Gul						Oka	San	Wak	Wal	
Red knot	<i>Calidris canutus</i>	T		Estuarine: exposed unconsolidated substrate Marine: exposed unconsolidated substrate Terrestrial: dunes, sandy beaches, and inlet areas. Mostly wintering and migrants.	Bay		Esc	Fra		Gul			Jef			Oka	San	Wak	Wal	
Red-cockaded woodpecker	<i>Picoides borealis</i>	E	E	Terrestrial: mature pine forests	Bay			Fra		Gul				Leo	Lib	Oka	San	Wak	Wal	
Reddish egret	<i>Egretta rufescens</i>	ce	SSC	Estuarine: tidal swamp, depression marsh, bog, marl prairie, wet prairie Lacustrine: flatwoods/prairie lake, marsh lake Marine: tidal swamp			Esc	Fra		Gul			Jef			Oka	San	Wak	Wal	
Southeastern kestrel	<i>Falco sparverius paulus</i>	ce	T	Estuarine: various habitats Palustrine: various habitats Terrestrial: open pine forests, clearings, ruderal, various	Bay	Cal	Esc	Fra	Gad	Gul	Hol	Jac	Jef	Leo	Lib	Oka	San	Wak	Wal	Was

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Southeastern snowy plover	<i>Charadrius alexandrinus tenuirostris</i>	ce	T	Estuarine: exposed unconsolidated substrate Marine: exposed unconsolidated substrate Terrestrial: dunes, sandy beaches, and inlet areas	Bay		Esc	Fra		Gul						Oka	San		Wal	
Stoddard's yellow-throated warbler	<i>Dendroica dominica stoddardi</i>	ce		Terrestrial: wooded habitats with spanish moss, various	Bay		Esc									Oka	San		Wal	
Wakulla seaside sparrow	<i>Ammodramus maritimus junciculus</i>	ce	SSC	Estuarine: tidal marsh Marine: tidal marsh				Fra		Gul			Jef					Wak		
Wood stork	<i>Mycteria americana</i>	T	E	Estuarine: marshes Lacustrine: floodplain lakes, marshes (feeding), various Palustrine: marshes, swamps, various	Bay	Cal	Esc	Fra	Gad	Gul	Hol	Jac	Jef	Leo	Lib	Oka	San	Wak	Wal	Was
Crustaceans:																				
Big blue springs cave crayfish	<i>Procambarus horsti</i>	Petition		Subterranean: subaquatic, aquatic cave at bottom of a spring; twilight zone									Jef	Leo				Wak		
Coastal flatwoods crayfish	<i>Procambarus apalachicola</i>	Petition		Lacustrine: shallow water Palustrine: herbaceous wetlands, temporary lentic situations, depressions in flatwoods	Bay					Gul										
Cypress crayfish	<i>Cambarellus blacki</i>	Petition		Lacustrine: shallow water; cypress ponds			Esc													
Dougherty plain cave crayfish	<i>Cambarus cryptodytes</i>	Petition		Subterranean freshwater; low energy caves in carbonate rocks		Cal						Jac								Was
Florida cave amphipod	<i>Crangonyx grandimanus</i>	Petition		Riverine: spring/spring brook; caves, wells, and karst springs										Leo				Wak		
Hobb's cave amphipod	<i>Crangonyx hobbsi</i>	Petition		Subaquatic, freshwater (caves and wells)										Leo				Wak		
Panama City Crayfish (Econfina crayfish)	<i>Procambarus econfinae</i>	Petition	SSC	Palustrine: wet flatwoods; temporary or fluctuating ponds or semipermanently inundated ditches, also ruderal, roadside ditches and utility easements. Associated soil types: Pamlico-Dorovan	Bay															

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				Complex, Rutlege sand, Osier fine sand, Plummer sand, Pelham sand; some Leon sands.																
Woodville karst cave crayfish	<i>Procambarus orcinus</i>	Petition		Subterranean: subaquatic, flooded caves, twilight zones, deep parts of caves										Leo				Wak		
Fish:																				
Blackmouth shiner	<i>Notropis melanostomus</i>	SSC	T	Riverine: blackwater stream												Oka	San		Wal	
Bluestripe shiner	<i>Cyprinella callitaenia</i>	Petition		Riverine: alluvial stream		Cal			Gad	Gul		Jac			Lib					
Crystal darter	<i>Ammocrypta asprella</i>	ce	T	Riverine: alluvial stream			Esc										San			
Gulf sturgeon	<i>Acipenser oxyrinchus desotoi</i>	T (CH)	T	Estuarine: various Marine: various habitats Riverine: alluvial and blackwater streams	Bay	Cal	Esc	Fra	Gad	Gul	Hol	Jac	Jef	Leo	Lib	Oka	San	Wak	Wal	Was
Okaloosa darter	<i>Etheostoma okaloosae</i>	T	T	Riverine: seepage stream												Oka			Wal	
Insects:																				
Calvert's emerald	<i>Somatochlora calverti</i>	Petition		Riverine: spring/spring brook				?	?					?	?	?		?		
Little oecetis longhorn caddisfly	<i>Oecetis parva</i>	Petition		Riverine: creek Lacustrine: creek								Jac		Leo						Was
Logan's agarodes caddisfly	<i>Agarodes logani</i>	Petition							Gad											
Morse's little plain brown sedge (caddisfly)	<i>Lepidoostoma morsei</i>	Petition		Fresh water															Wal	
Purple skimmer	<i>Libellula jesseana</i>	Petition		Lacustrine: shallow water, clear water, sand bottomed lakes	Bay															Was
Say's spiketail	<i>Cordulegaster sayi</i>	Petition		Riverine: spring/spring brook; silt bottom seepage streams in hardwood forests	Bay										Lib		San			Was
Setose cream and brown mottled microcaddisfly	<i>Oxyethira setosa</i>	Petition		Riverine: creek- moderate gradient											Lib		San		Wal	

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Sykora's hydroptila caddisfly	<i>Hydroptila sykorai</i>	Petition		No habitat characteristics listed.					Gad											
Three-toothed triaenodes caddisfly	<i>Triaenodes tridentatus</i>	Petition			Distribution in Florida unreported.															
Yellow-sided clubtail	<i>Stylurus potulentus</i>	Petition		Riverine: creek, medium river. Pristine sand bottomed forest streams and rivers		Cal										Oka	San			
Westall's clubtail	<i>Gomphus westfalli</i>	Petition		Riverine: spring/spring brook; boggy streams; seepage slope streamlets												Oka	San			
Mammals:																				
Choctawhatchee beach mouse	<i>Peromyscus polionotus allophrys</i>	E (CH)	E	Terrestrial: beach dune, coastal scrub	Bay											Oka			Wal	
Florida mouse	<i>Peromyscus floridanus</i>	ce	SSC	Terrestrial: scrub, sandhill, scrubby flatwoods				Fra												
Gray bat	<i>Myotis grisescens</i>	E	E	Palustrine: caves, various Terrestrial: caves, various							Hol	Jac		Leo						Was
Indiana bat	<i>Myotis sodalis</i>	E	E	Palustrine: various Terrestrial: various								Jac								
Perdido Key beach mouse	<i>Peromyscus polionotus trissyllepsis</i>	E (CH)	E	Terrestrial: beach dune, coastal scrub.			Esc													
Round-tailed muskrat	<i>Neofiber alleni</i>	SSC		Estuarine: tidal marsh Lacustrine: marsh lake, flatwoods/prairie lake Palustrine: floodplain marsh, swale, depression marsh, basin marsh				Fra						Leo				Wak	Wal	
Santa Rosa beach mouse	<i>Peromyscus polionotus leucocephalus</i>	ce		Terrestrial: beach dune, coastal scrub			Esc									Oka	San			
Southeastern big-eared bat	<i>Plecotus rafinesquii</i>	ce		Palustrine: various, floodplains Terrestrial: pine and hardwood forests, ruderal, various	Bay	Cal	Esc	Fra	Gad	Gul	Hol	Jac	Jef	Leo	Lib	Oka	San	Wak	Wal	Was
St. Andrew beach mouse	<i>Peromyscus polionotus peninsularis</i>	E (CH)	E	Terrestrial: beach dune, coastal scrub	Bay					Gul										
West Indian manatee	<i>Trichechus manatus latirostris</i>	E	E	Estuarine: submerged vegetation, open water Marine: open water, submerged vegetation	Bay		Esc	Fra		Gul			Jef			Oka	San	Wak	Wal	

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				Riverine: alluvial stream, blackwater stream, spring-run stream																
Mussels:																				
Apalachicola floater	<i>Anodonta heardi</i>	Petition		Riverine: big river, lower gradient, pool Lacustrine: deep water, shallow water		Cal		Fra	Gad	Gul		Jac		Leo	Lib					
Chipola slabshell	<i>Elliptio chipolaensis</i>	T (CH)	T	Riverine: main channel of the Chipola River and its larger tributaries in substrate combinations of silt, clay, sand and occasionally gravel. Panhandle drainages: Chipola River		Cal				Gul		Jac								
Choctaw bean	<i>Villosa choctawensis</i>	E (CH)		Riverine: Small to large creeks and rivers in sand to silty-sand substrates with moderate current. Panhandle drainages: Escambia, Yellow, and Choctawhatchee Rivers	Bay		Esc				Hol	Jac				Oka	San		Wal	Was
Delicate spike	<i>Elliptio arcata</i>	Petition		Riverine: big river, creek, low gradient, medium river, moderate gradient, riffle		Cal		Fra	Gad	Gul	Hol	Jac		Leo	Lib				Wal	Was
Fat threeridge	<i>Amblema neislerii</i>	E (CH)	E	Riverine: main channels of small to large rivers in slow to moderate currents; fine to medium silty sand, also mixtures of sand, clay, and gravel. Panhandle drainages: Chipola and Apalachicola Rivers		Cal		Fra	Gad	Gul		Jac			Lib					
Fuzzy pigtoe	<i>Pleurobema strodeanum</i>	T (CH)		Riverine: small to medium-sized creeks and rivers with slow to moderate currents in sand and sand with some silt. Panhandle drainages: Escambia, Yellow, and Choctawhatchee Rivers	Bay		Esc				Hol	Jac				Oka	San		Wal	Was
Gulf moccasinshell	<i>Medionidus penicillatus</i>	E (CH)	E	Riverine: medium-sized creeks to large rivers with sand and gravel substrates in slow to	Bay	Cal			Gad	Gul		Jac			Lib					Was

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				moderate currents. Panhandle drainages: Econfina Creek and Chipola River																
Inflated spike	<i>Elliptio purpurella</i>	Petition		Riverine: big river, medium river		Cal						Jac		Leo						Was
Narrow pigtoe	<i>Fusconaia escambia</i>	T (CH)		Riverine: small to medium-sized creeks and rivers in stable substrates of sand, sand and gravel, or silty sand, with slow to moderate current. Panhandle drainages: Escambia and Yellow Rivers			Esc									Oka	San		Wal	
Ochlockonee moccasinshell	<i>Medionidus simpsonianus</i>	E (CH)	E	Riverine: large creeks to medium-sized rivers in substrates of sand with some gravel in moderate current. Panhandle drainages: Ochlockonee River (upstream of Lake Talquin)					Gad					Leo						
Oval pigtoe	<i>Pleurobema pyriforme</i>	E (CH)	E	Riverine: medium-sized creeks to small rivers; various substrates; slow to moderate currents. Panhandle drainages: Econfina (Creek), Chipola, Ochlockonee, and Suwannee Rivers	Bay	Cal			Gad	Gul		Jac		Leo						Was
Purple bankclimber	<i>Elliptoideus sloatianus</i>	T (CH)	T	Riverine: small to large rivers in sand, sand mixed with mud, or gravel substrates with slow to moderate currents. Panhandle drainages: Chipola, Apalachicola, and Ochlockonee Rivers		Cal		Fra	Gad	Gul		Jac		Leo	Lib			Wak		
Rayed creekshell	<i>Anodontoides radiates</i>	Petition		Riverine: small to med sized creeks in substrates of mud, sandy mud, or sand and gravel. Apalachicola, Chipola, Escambia and Choctawhatchee watersheds		Cal			Gad	Gul		Jac							Wal	

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Round ebonyshell	<i>Fusconaia rotulata</i>	E (CH)		Riverine: medium-sized rivers in stable substrates of sand, small gravel, or sandy mud in slow to moderate current. Panhandle drainages: restricted to the main channel of the Escambia River			Esc										San			
Shinyrayed pocketbook	<i>Hamiota (=Lampsilis) subangulata</i>	E (CH)	E	Riverine: medium-sized creeks to mainstem rivers in a range of substrates including sand, clay, and gravel with slow to moderate current. Panhandle drainages: Econfinia (Creek), Chipola, and Ochlockonee (upstream of Lake Talquin) Rivers	Bay	Cal		Fra	Gad	Gul		Jac		Leo	Lib			Wak		Was
Southern elktoe	<i>Alasmidonta triangulate</i>	Petition		Riverine: medium sized creeks to large rivers with sandy mud, sand, and gravel substrates in slow to moderate currents. Apalachicola and Chipola watersheds.		Cal			Gad			Jac								
Southern kidneyshell	<i>Ptychobranhus jonesi</i>	E (CH)		Riverine: small to medium-sized creeks and rivers in sand with some silt or claystone pockets with sand; often near exposed limestone. Panhandle drainages: Escambia and Choctawhatchee Rivers	Bay		Esc				Hol	Jac					San		Wal	Was
Southern lance	<i>Elliptio ahenea</i>	Petition		Riverine: freshwater, creek, low gradient, medium river, pool				?	?					?	?			?		
Southern sandshell	<i>Hamiota australis</i>	T (CH)		Riverine: found in small to medium-sized creeks and rivers in sandy substrates sometimes with some silt in slow to moderate current. Panhandle drainages: Escambia, Yellow, and Choctawhatchee Rivers	Bay		Esc				Hol	Jac				Oka	San		Wal	Was

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Tapered pigtoe	<i>Fusconaia burkei</i>	T (CH)		Riverine: Small to medium-sized creeks to large rivers in stable substrates of sand, small gravel, or sandy mud, with slow to moderate current. Panhandle drainages: Choctawhatchee River	Bay						Hol	Jac							Wal	Was
Reptiles:																				
Alligator snapping turtle	<i>Macrolemys temminckii</i>	Petition	SSC	Estuarine: tidal marsh Lacustrine: river floodplain lake, swamp lake Riverine: alluvial stream, blackwater stream	Bay	Cal	Esc	Fra	Gad	Gul	Hol	Jac	Jef	Leo	Lib	Oka	San	Wak	Wal	Was
Barbour's map turtle	<i>Gratemys barbouri</i>	Petition	SSC	Palustrine: floodplain stream, floodplain swamp Riverine: alluvial stream		Cal		Fra	Gad	Gul	Hol	Jac	Jef	Leo	Lib				Wal	Was
Eastern indigo snake	<i>Drymarchon couperi</i>	T	T	Estuarine: tidal swamp Palustrine: hydric hammock, wet flatwoods Terrestrial: mesic flatwoods, upland pine forest, sandhills, scrub, scrubby flatwoods, rockland hammock, ruderal	Bay	Cal	Esc	Fra	Gad	Gul	Hol	Jac	Jef	Leo	Lib	Oka	San	Wak	Wal	Was
Escambia map turtle	<i>Gratemys ernsti</i>	Petition		Riverine: big river, low gradient, medium river, pool Palustrine: riparian Terrestrial: sand/dune			Esc				Hol					Oka	San			
Florida pine snake	<i>Pituophis melanoleucus mugitus</i>	Petition	SSC	Lacustrine: ruderal, sandhill upland lake Terrestrial: sandhill, scrubby flatwoods, xeric hammock, ruderal	Bay	Cal		Fra	Gad		Hol	Jac		Leo	Lib	Oka	San	Wak	Wal	Was
Florida red-bellied turtle	<i>Pseudemys nelsoni</i>	Petition		Riverine: low gradient, medium river Lacustrine: shallow water Palustrine: riparian		Cal		Fra		Gul			Jef	Leo						
Georgia blind salamander	<i>Haideotriton wallacei</i>	Petition		Subterranean: aquatic cave		Cal						Jac								Was
Gopher tortoise	<i>Gopherus polyphemus</i>	C	T	Terrestrial: sandhills, scrub, scrubby flatwoods, xeric hammocks, coastal strand, ruderal	Bay	Cal	Esc	Fra	Gad	Gul	Hol	Jac	Jef	Leo	Lib	Oka	San	Wak	Wal	Was

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Green turtle	<i>Chelonia mydas</i>	E	E	Terrestrial: sandy beaches; nesting	Bay		Esc	Fra		Gul						Oka	San		Wal	
Hawksbill turtle	<i>Eretmochelys imbricata imbricata</i>	E	E	Marine: open water; no nesting	Bay		Esc	Fra		Gul			Jef			Oka	San	Wak	Wal	
Kemp's ridley turtle	<i>Lepidochelys kempii</i>	E	E	Terrestrial: sandy beaches; nesting	Bay		Esc	Fra		Gul						Oka	San		Wal	
Leatherback turtle	<i>Dermochelys coriacea</i>	E	E	Terrestrial: sandy beaches; nesting	Bay		Esc	Fra		Gul						Oka	San		Wal	
Loggerhead turtle	<i>Caretta caretta</i>	T(CH)	T	Terrestrial: sandy beaches; nesting	Bay		Esc	Fra		Gul						Oka	San		Wal	
Plants:																				
Alabama spiny pod	<i>Matelea alabamensis</i>	SSC	E	Terrestrial: bluff, slope forest, upland hardwood forest; on slopes											Lib				Wal	
Allegheny-spurge	<i>Pachysandra procumbens</i>		E	Terrestrial: upland mixed forest, bluff; calcareous soil					Gad			Jac								
Alternate-leaf or pagoda dogwood	<i>Cornus alternifolia</i>		E	Palustrine: creek swamps Terrestrial: slope forest, upland hardwood forest, bluffs		Cal			Gad										Wal	
American bladdernut	<i>Staphylea trifolia</i>		E	Palustrine: bottomland forest Terrestrial: upland mixed forest, slope forest; at interface of bluff and floodplain					Gad						Lib					
American chaffseed	<i>Schwalbea americana</i>	E	E	Palustrine: wet prairie Terrestrial: scrub, sandhill, mesic flatwoods					Gad					Leo						
Apalachicola dolls daisy	<i>Boltonia apalachicolensis</i>	Petition		Palustrine: Floodplain Forest				Fra		Gul					Lib					Was
Apalachicola rosemary	<i>Conradina glabra</i>	E	E	Terrestrial: sandhill dissected by ravines of the Sweetwater Creek system. Light shade to full sunlight; along edges of ravines, pine plantations, and roadsides.											Lib					
Apalachicola wild indigo	<i>Baptisia megacarpa</i>	Petition	E	Palustrine: floodplain forest Terrestrial: upland mixed forest, slope forest		Cal			Gad		Hol	Jac			Lib					
Ashe's magnolia	<i>Magnolia ashei</i>	SSC	E	Terrestrial: slope and upland hardwood forest, ravines					Gad					Leo	Lib	Oka	San	Wak	Wal	Was

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Aster	<i>Aster hemisphericus</i>	ce	E	Terrestrial: upland mixed forest, on sandstone outcrop																Was
Baldwyn's spiny-pod	<i>Matelea baldwyniana</i>	SSC	E	Terrestrial: bluff, upland mixed forest, bottomland forest, roadsides; calcareous soil					Gad			Jac								
Baltzell's sedge	<i>Carex baltzellii</i>	ce	T	Terrestrial: slope forest, moist sandy loam; moist sandy loam	Bay	Cal	Esc		Gad						Lib	Oka	San		Wal	Was
Barbara's buttons	<i>Marshallia obovata</i>	ce	E	Terrestrial: sandhill, upland mixed forest																Was
Bear tupelo or Dwarf blackgum	<i>Nyssa ursina</i>	Petition		Open bogs, wet flatwoods, and swamps, often with titi.	Bay			Fra		Gul					Lib					
Bent golden aster	<i>Pityopsis flexuosa</i>	SSC	E	Terrestrial: sandhill, upland pine forest, ruderal				Fra	Gad					Leo	Lib			Wak		
Bog spicebush	<i>Lindera subcoriacea</i>	Petition	E	Bog/fen, permanently moist to wet, shrub-dominated seepage wetlands.			Esc									Oka				
Boykin's lobelia	<i>Lobelia boykinii</i>	Petition	E	Cypress gum depressions or ponds, wet pine savannahs and flatwoods. Continuous standing water or very seasonally moist or inundated.					Gad			Jac				Oka	San			Was
Buckthorn	<i>Bumelia lycioides</i>	ce	E	Palustrine: bottomland forest, dome swamp, floodplain forest Terrestrial: upland hardwood forest		Cal			Gad			Jac	Jef		Lib					
Swamp Buckthorn	<i>Bumelia thornei</i>	Petition	E	Palustrine: hydric hammock, floodplain swamp			Esc	Fra		Gul	Hol	Jac								
Canada honewort	<i>Cryptotaenia canadensis</i>	ce	E	Palustrine: floodplain forest, bottomland forest Riverine: alluvial stream bank					Gad			Jac			Lib					
Carolina grass-of-parnassus	<i>Parnassia caroliniana</i>	SSC	E	Palustrine: seepage slope Terrestrial: mesic flatwoods				Fra							Lib					
Carolina larkspur	<i>Delphinium carolinianum</i>	ce	E	Terrestrial: upland glade, calcareous soil					Gad			Jac								
Chapman's butterwort	<i>Pinguicula planifolia</i>	SSC	T	Palustrine: wet flatwoods, seepage slopes, bog, dome swamp, ditches; in	Bay		Esc	Fra		Gul		Jac		Leo	Lib	Oka	San		Wal	

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				water																
Chapman's crownbeard	<i>Verbesina chapmanii</i>	SSC	T	Palustrine: seepage slope Terrestrial: mesic flatwoods with wiregrass (<i>Aristida stricta</i>)	Bay	Cal		Fra		Gul					Lib				Wal	Was
Chapman's rhododendron	<i>Rhododendron chapmanii</i>	E	E	Palustrine: seepage slope (titi bog) Terrestrial: mesic flatwoods; ecotone between flatwoods or more xeric longleaf communities and titi bogs.					Gad	Gul					Lib					
Chapman's sedge	<i>Carex chapmanii</i>	SSC	T	Palustrine: hydric hammock, floodplain forest Terrestrial: slope forest									Jef					Wak		
Ciliate-leaf tickseed	<i>Coreopsis integrifolia</i>	Petition	E	Forested wetland, riparian		Cal						Jac								Was
Cooley's meadowrue	<i>Thalictrum cooleyi</i>	E	E	Palustrine: seepage slope, edges of shrub bogs, disturbed areas; one site on Champion International Corp. land															Wal	
Corkwood	<i>Leitneria floridana</i>	SSC	T	Estuarine: tidal marsh Palustrine: freshwater tidal swamp, hydric hammock				Fra					Jef					Wak		
Croomia	<i>Croomia pauciflora</i>	ce	E	Terrestrial: slope forest					Gad						Lib					
Cruise's golden-aster	<i>Chrysopsis gossypina cruiseana</i>	SSC	E	Terrestrial: coastal dunes, coastal strand, coastal grassland; openings and blowouts	Bay		Esc									Oka	San		Wal	
Cucumber magnolia	<i>Magnolia acuminata</i>	ce	E	Terrestrial: slope forest, upland mixed forest															Wal	
Curtiss' loosestrife	<i>Lythrum curtissii</i>	Petition	E	Palustrine: wet flatwoods edges, floodplain swamp, seepage slope, dome swamp edges Terrestrial: seepage slope	Bay	Cal		Fra	Gad						Lib					
Curtiss' sandgrass	<i>Calamovilfa curtissii</i>	SSC	T	Palustrine: mesic and wet flatwoods, wet prairie, depression marsh Terrestrial: mesic flatwoods	Bay											Oka	San	Wak	Wal	
Dark-headed hatpin	<i>Eriocaulon nigrobacteatum</i>	Petition	E	Palustrine: Wet Boggy Seepage slopes, mucky	Bay	Cal				Gul										

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				soils																
Decumbant pitcher plant	<i>Sarracenia purpurea</i>	ce	T	Palustrine: Bogs	Bay	Cal	Esc				Hol				Lib	Oka	San		Wal	Was
Dew-thread	<i>Drosera filiformis</i>	ce	E	Lacustrine: exposed lake bottoms	Bay										Lib					Was
Eared coneflower	<i>Rudbeckia auriculata</i>	Petition		Full sun of open bogs, seeps, swamps, ditches, swales, and wet openings in woodlands.												Oka				
Eastern ninebark	<i>Physocarpus opulifolius</i>	ce	E	Riverine: seepage stream banks		Cal						Jac								
False hellebore	<i>Veratrum woodii</i>	ce	E	Terrestrial: slope forest					Gad						Lib					
Elliott's croton	<i>Croton elliotii</i>	Petition		Forested wetland, herbaceous wetland, riparian, temporary pool					Gad			Jac								
Florida bear-grass	<i>Nolina atopocarpa</i>	SSC	T	Terrestrial: mesic flatwoods grassy areas				Fra							Lib					
Florida pondweed	<i>Potamogeton floridanus</i>	Petition	E	Riverine: blackwater stream													San			
Florida skullcap	<i>Scutellaria floridana</i>	T	E	Palustrine: seepage slope, wet flatwoods, grassy openings Terrestrial: mesic flatwoods	Bay			Fra		Gul					Lib					
Florida spiny-pod	<i>Matelea floridana</i>	SSC	E	Terrestrial: upland mixed forest, upland hardwood forest					Gad			Jac			Lib					
Florida torreyia	<i>Torreya taxifolia</i>	E	E	Terrestrial: slope forest, upland mixed forest, and ravines.					Gad			Jac			Lib					
Florida willow	<i>Salix floridana</i>	Petition	E	Palustrine: hydric hammock, bottomland forest Riverine: spring-run stream margins								Jac	Jef							
Florida yew	<i>Taxus floridana</i>	SSC	E	Palustrine: dome swamp Terrestrial: slope forest					Gad						Lib					Was
Flyr's brickell-bush	<i>Brickellia cordifolia</i>	SSC	E	Terrestrial: upland hardwood forest, near streams					Gad			Jac	Jef	Leo				Wak		
Fringed campion	<i>Silene polypetala</i>	E	E	Terrestrial: upland mixed forest, slope forest, and along utility corridors in appropriate habitats.					Gad			Jac								

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Gentian pinkroot	<i>Spigelia gentianoides</i>	E	E	Terrestrial: mixed hardwood forest; rich humus		Cal						Jac								Was
Georgia aster	<i>Symphyotrichum georgianum</i>	ce		Dry open woods, roadsides, and other openings.										Leo						
Giant water-dropwort	<i>Oxypolis greenmanii</i>	ce	E	Palustrine: dome swamp, wet flatwoods, ditches; in water	Bay	Cal		Fra		Gul										Was
Godfrey's spiderlily	<i>Hymenocallis godfreyi</i>	SSC	E	Estuarine: Brackish Marshes														Wak		
Godfrey's (violet) butterwort	<i>Pinguicula ionantha</i>	T	E	Palustrine: wet flatwoods, wet prairie, bog; in shallow water Riverine: seepage slope; in shallow water. Also, roadside ditches and similar habitat.	Bay	Cal		Fra		Gul					Lib			Wak		
Godfrey's blazing star	<i>Liatris provincialis</i>	SSC	E	Terrestrial: sandhill, scrub, coastal grassland; disturbed areas				Fra										Wak		
Godfrey's privet	<i>Forestiera godfreyi</i>	Petition	E	Forest-hardwood, on wooded slopes of lake & river bluffs					Gad			Jac	Jef		Lib					
Green adder's-mouth	<i>Malaxis unifolia</i>	ce	E	Palustrine: floodplain forest Terrestrial: slope forest, upland mixed forest			Esc		Gad			Jac		Leo	Lib	Oka		Wak	Wal	Was
Green violet	<i>Hybanthus concolor</i>	ce	E	Terrestrial: slope forest, upland mixed forest					Gad											
Gulfcoast lupine	<i>Lupinus westianus</i>	SSC	T	Terrestrial: beach dune, scrub, disturbed areas, roadsides, blowouts in dunes	Bay		Esc	Fra		Gul						Oka	San		Wal	Was
Gulf sweet pitcherplant	<i>Sarracenia rubra ssp. gulfensis</i>	Petition		Sandy muck spring-head bogs, often heading small streams or bordering small ponds or slow meandering creeks.							Hol					Oka	San		Wal	
Hall's pocket moss	<i>Fissidens hallii</i>	Petition		Forested wetland. Grows on rotten wood, bark at the base of trees or clay soil in swampy places, especially cypress swamps					?											
Hairy fever tree	<i>Pinckneya bracteata</i>	ce	T	Palustrine: creek swamps, titi swamps, bogs	Bay	Cal		Fra	Gad	Gul		Jac	Jef	Leo	Lib			Wak		Was

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Hairy peduncled beakrush	<i>Rhynchospora crinipes</i>	Petition	E	Stream and riversides on narrow streamside shelves, sand-clay bars, and occasionally rooted in streambeds.						Gul					Lib	Oka	San			
Harper's beauty	<i>Harperocalis flava</i>	E	E	Palustrine: wet prairie, seepage slope, roadsides, edges of titi swamps	Bay			Fra							Lib					
Harper's grooved yellow flax	<i>Linum sulcatum var harperi</i>	ce		Palustrine: wet flatwoods Terrestrial: mesic flatwoods; in site-prepped areas				Fra		Gul					Lib					
Harper's yellow-eyed grass	<i>Xyris scabrifolia</i>	SSC	T	Palustrine: seepage slope, wet prairie, bogs	Bay	Cal	Esc	Fra		Gul	Hol	Jac		Leo	Lib	Oka	San	Wak	Wal	
Heartleaf	<i>Hexastylis arifolia</i>	ce	T	Riverine: seepage stream bank Terrestrial: slope forest			Esc		Gad				Jef	Leo	Lib	Oka	San		Wal	Was
Heart-leaved willow	<i>Salix eriocephala</i>	ce	E	Palustrine: floodplain swamp, alluvial woodlands					Gad			Jac								
Hooded pitcher plant	<i>Sarracenia minor</i>	ce	T	Palustrine: wet flatwoods, wet prairie, seepage slope				Fra	Gad				Jef	Leo	Lib			Wak		
Hummingbird flower	<i>Macranthera flammea</i>	ce	E	Palustrine: seepage slope, dome swamp edges, floodplain swamps Riverine: seepage stream banks Terrestrial: seepage slopes	Bay		Esc	Fra				Jac			Lib	Oka	San		Wal	
Indian cucumber-root	<i>Medeola virginiana</i>	ce	E	Palustrine: bottomland forest Terrestrial: bottomland forest					Gad						Lib				Wal	
Karst pond xyris	<i>Xyris longisepala</i>	Petition	E	Lacustrine: sandhill upland lake margins	Bay									Leo		Oka		Wak	Wal	Was
Lace-lip	<i>Spiranthes laciniata</i>	ce	T	Palustrine: wet flatwoods			Esc	Fra		Gul					Lib	Oka	San	Wak		
Large whorled pogonia	<i>Isotria verticillata</i>	ce	E	Terrestrial: slope forest					Gad											Was
Large-flowered grass-of-parnassus	<i>Parnassia grandifolia</i>	ce	E	Palustrine: dome swamp margins, seepage slope Riverine: blackwater stream, spring-run stream edge Terrestrial: mesic flatwoods				Fra							Lib					
Large-leaved jointweed	<i>Polygonella macrophylla</i>	SSC	T	Terrestrial: scrub, sand pine/oak scrub ridges	Bay		Esc	Fra								Oka	San		Wal	

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Little people	<i>Lepuropetalon spathulatum</i>	ce	E	Terrestrial: upland glade, moist soil					Gad											
Columbine	<i>Aquilegia canadensis</i>	SSC	E	Palustrine: floodplain forest Terrestrial: bluff; soil over limestone								Jac			Lib					Was
Meadowbeauty	<i>Rhexia parviflora</i>	Petition	E	Palustrine: dome swamp margin, seepage slope, depression marsh; on slopes; with hypericum	Bay	Cal		Fra		Gul					Lib	Oka	San		Wal	
Mexican tear-thumb	<i>Polygonum meisnerianum</i>	ce	E	Lacustrine: clastic upland lakes, sandhill upland lake, sinkhole lake Palustrine: floodplain forests; shallow water at edge									Jef	Leo						
Miccosukee gooseberry	<i>Ribes echinellum</i>	T	E	Terrestrial: upland mixed forest, upland hardwood forest. Only known sites along east bank of Lake Miccosukee.									Jef							
Mountain laurel	<i>Kalmia latifolia</i>	ce	T	Riverine: seepage stream bank Terrestrial: slope forest, seepage stream banks	Bay	Cal	Esc		Gad					Leo	Lib	Oka	San		Wal	Was
Narrowleaf naiad	<i>Najas filifolia</i>	Petition	T	Freshwater lakes and river reaches that are darkwater habitats.										Leo			San		Wal	
Narrow-leaved trillium	<i>Trillium lancifolium</i>	ce	E	Palustrine: bottomland forest Terrestrial: upland mixed forest, slope forest					Gad			Jac			Lib					
Nettle-leaved sage	<i>Salvia urticifolia</i>	ce	E	Terrestrial: upland glade					Gad			Jac								
Northern prickley ash	<i>Zanthoxylum americanum</i>	ce	E	Terrestrial: slope forest; calcareous soils					Gad			Jac								
Nuttall's rayless goldenrod	<i>Bigelowia nutallii</i>	ce	E	Riverine: seepage stream banks Terrestrial: scrub, upland pine forest - sandstone outcrops																Was
Orange azalea	<i>Rhododendron austrinum</i>	ce	E	Palustrine: bottomland forest Riverine: seepage stream bank Terrestrial: slope forest, upland mixed forest		Cal	Esc	Fra	Gad		Hol	Jac		Leo	Lib	Oka	San		Wal	Was
Panhandle lily	<i>Lilium iridollae</i>	Petition	E	Palustrine: baygall, dome swamp edges, mucky soil, seepage slope, edges of titi bogs,			Esc									Oka	San		Wal	

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				Riverine: blackwater stream banks																
Panhandle Meadow-beauty	<i>Rhexia salicifolia</i>	Petition		Full sun in wet sandy or sandy-peaty areas of sinkhole pond shores, interdunal swales, margins of depression marshes, flatwoods ponds, and sandhill upland lakes.	Bay	Cal								Leo		Oka		Wak	Wal	Was
Panhandle spiderlily	<i>Hymenocallis henryae</i>	Petition	E	Palustrine: dome swamp edges, wet prairie, wet flatwoods, baygall edges, swamp edges Terrestrial: wet prairies and flatwoods	Bay			Fra		Gul					Lib				Wal	
Papery whitlow-wort	<i>Paronychia chartacea minima</i>	T	E	Terrestrial: Karst sandhill lake margins	Bay															Was
Parrot pitcher plant	<i>Sarracenia psittacina</i>	ce	T	Palustrine: wet flatwoods, wet prairie, seepage slope	Bay	Cal	Esc	Fra	Gad	Gul	Hol	Jac		Leo	Lib	Oka	San	Wak	Wal	Was
Perforate reindeer lichen	<i>Cladonia perforata</i>	E	E	Terrestrial: coastal strand, rosemary scrub; full sun. Sites: Eglin AFB Santa Rosa/Okaloosa Island.												Oka	San			
Pine-woods aster	<i>Aster spinulosus</i>	ce	E	Palustrine: seepage slope Terrestrial: sandhill, scrubby and mesic flatwoods	Bay	Cal		Fra		Gul										
Pondspice	<i>Litsea aestivalis</i>	SSC	E	Palustrine: hydric hammock, baygall, dome swamp; on peaty soils												Oka				
Primrose-flower butterwort	<i>Pinguicula primulifolia</i>	ce	E	Palustrine: bogs, pond margins, margins of spring runs	Bay	Cal	Esc				Hol					Oka	San		Wal	Was
Purple cliff brake	<i>Pellaea atropurpurea</i>	ce	E	Terrestrial: upland glade																Was
Pyramid magnolia	<i>Magnolia pyramidata</i>	ce	E	Terrestrial: slope forest	Bay	Cal	Esc		Gad			Jac		Leo	Lib	Oka	San		Wal	Was
Quillwort yellow-eyed grass	<i>Xyris isoetifolia</i>	SSC	E	Lacustrine: sandhill upland lake margins Palustrine: wet flatwoods, wet prairie	Bay					Gul										Was
Red-flowered pitcher plant	<i>Sarracenia rubra</i>	ce	T	Palustrine: bog, wet prairie, seepage slope, wet flatwoods Riverine: seepage stream banks			Esc				Hol					Oka	San		Wal	

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Rosebud orchid or spreading pagonia	<i>Cleistes divaricata</i>	ce	T	Palustrine: wet flatwoods									Jef							
Rue anemone	<i>Thalictrum thalictroides</i>	ce	E	Terrestrial: bluff, slope forest; on limestone					Gad			Jac		Leo	Lib					
Scare-weed	<i>Baptisia simplicifolia</i>	SSC	T	Terrestrial: mesic flatwoods, sandhill; on disturbed sites				Fra	Gad					Leo	Lib			Wak		
Shade betony	<i>Stachys crenata</i>	ce	E	Terrestrial: upland glades, calcareous soils					Gad											
Shooting star	<i>Dodecatheon meadia</i>	ce	E	Terrestrial: upland glade, upland mixed forest					Gad											
Sicklepod	<i>Arabis canadensis</i>	ce	E	Terrestrial: upland mixed forest, limestone outcrops		Cal						Jac			Lib					
Silky camellia	<i>Stewartia malacodendron</i>	ce	E	Palustrine: baygall Palustrine: slope forest, upland mixed forest, Terrestrial: slope forest, upland mixed forest; acid soils	Bay	Cal	Esc		Gad						Lib	Oka	San		Wal	Was
Smooth-barked St. John's wort	<i>Hypericum lissophloeus</i>	Petition	E	Lacustrine: sandhill upland lake margins Terrestrial: sandhill upland lake margins	Bay															Was
Snowy orchid	<i>Platanthera nivea</i>	ce	T	Palustrine: bogs	Bay	Cal	Esc	Fra			Hol	Jac		Leo	Lib		San	Wak	Wal	Was
Southern lip fern	<i>Cheilanthes microphylla</i>	ce	E	Terrestrial: upland mixed forest, shell mound, rockland hammock; on limestone																Was
Southern marshallia	<i>Marshallia ramosa</i>	SSC	E	Terrestrial: upland pine forest, with wiregrass (<i>Aristida stricta</i>)																Was
Southern milkweed	<i>Asclepias viridula</i>	SSC	T	Palustrine: wet prairie, seepage slope edges Riverine: seepage stream banks Terrestrial: mesic flatwoods, drainage ditches	Bay			Fra		Gul				Leo	Lib			Wak	Wal	Was
Southern red lily	<i>Lilium catesbaei</i>	ce	T	Palustrine: wet prairie, wet flatwoods, seepage slope Terrestrial: mesic flatwoods, seepage slope; usually with grasses	Bay	Cal	Esc	Fra	Gad	Gul		Jac			Lib	Oka	San	Wak	Wal	Was
Spathulate seedbox	<i>Ludwigia spathulata</i>	Petition		Exposed shores and bottoms of sinkhole ponds, bogs, and					Gad			Jac		Leo					Wal	

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FEDERAL THREATENED, ENDANGERED, CANDIDATE, AND OTHER SPECIES OF CONCERN LIKELY TO OCCUR IN THE FLORIDA PANHANDLE

Compiled by the U.S. Fish and Wildlife Service December 2014

Common Name	Scientific Name	FWS Status	State Status	Natural Communities	Bay	Cal	Esc	Fra	Gad	Gul	Hol	Jac	Jef	Leo	Lib	Oka	San	Wak	Wal	Was
				depression meadows.																
Spoon-leaved sundew	<i>Drosera intermedia</i>	ce	T	Lacustrine: sinkhole lake edges Palustrine: seepage slope, wet flatwoods, depression marsh Riverine: seepage stream banks, drainage ditches	Bay	Cal	Esc	Fra		Gul				Leo	Lib	Oka	San	Wak	Wal	Was
St. John's-susan	<i>Rudbeckia nitida</i>	SSC	E	Palustrine: wet flatwoods and prairies, roadside ditches	Bay					Gul										
Sweet shrub	<i>Calycanthus floridus</i>	ce	E	Terrestrial: upland hardwood forest, slope forest, bluffs Palustrine: bottomland forest, stream banks, floodplains		Cal	Esc	Fra	Gad			Jac		Leo	Lib	Oka	San		Wal	
Telephus spurge	<i>Euphorbia telephioides</i>	T	E	Terrestrial: mesic flatwoods; disturbed wiregrass (<i>Aristida stricta</i>) areas, coastal scrub. All known sites are within 4 miles of Gulf of Mexico.	Bay			Fra		Gul										
Thick-leaved water willow	<i>Justicia crassifolia</i>	SSC	E	Palustrine: dome swamp, seepage slope Terrestrial: mesic flatwoods	Bay			Fra		Gul					Lib					
Thorne's beakrush	<i>Rynchospora thornei</i>	Petition		Wet pine savannahs, particularly where disturbed, limestone sink pond margins, and moist or seasonally wet limestone or dolomite glades. Disturbed pond margins, and other open, eroded or otherwise disturbed seasonally damp spots.		Cal						Jac						Wak		
Trailing arbutus	<i>Epigaea repens</i>	ce	E	Terrestrial: bluff, slope forest, mixed hardwood forest		Cal	Esc								Lib	Oka	San	Wal		
Tropical waxweed	<i>Cuphea aspera</i>	SSC	E	Palustrine: wet prairie, seepage slope Terrestrial: mesic flatwoods		Cal		Fra		Gul										
Trout lily	<i>Erythronium umbilicatum</i>	ce	E	Terrestrial: slope forest, bluff					Gad					Leo	Lib					

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Variable-leaved indian plantain	<i>Arnoglossum diversifolium</i>	Petition	T	Forested wetland		Cal					Hol	Jac		Leo					Wal	Was
Washington thorn	<i>Crataegus phaenopyrum</i>	ce	E	Palustrine: basin swamp, basin marsh, edges of wet areas						Gul					Lib			Wak		Was
West Florida cow-lily	<i>Nuphar ulvacea</i>	Petition		Swiftly to slowly flowing shallows of streams rooted in sand or tannic acid-tinted streams.			Esc					Jac				Oka	San		Wal	Was
West's flax	<i>Linum westii</i>	Petition	E	Palustrine: dome swamp, depression marsh, wet flatwoods, wet prairie, pond margins		Cal		Fra		Gul		Jac			Lib	Oka				
Wherry's sweet pitcherplant	<i>Sarracenia rubra ssp. wherryi</i>	Petition		Seepage or pitcher plant bogs, savannas, streamside openings, bay head forests, and ditches.			Esc													
White birds-in-a-nest	<i>Macbridea alba</i>	T	E	Palustrine: seepage slope Terrestrial: grassy mesic pine flatwoods, savannahs, roadsides, and similar habitat.	Bay			Fra		Gul					Lib					
White Indian Plantain	<i>Arnoglossum album</i>	ce	E	Palustrine: wet flatwoods	Bay					Gul										
White-top pitcher plant	<i>Sarracenia leucophylla</i>	SSC	E	Palustrine: wet prairie, seepage slope, baygall edges, ditches	Bay	Cal	Esc	Fra							Lib	Oka	San		Wal	Was
Giant orchid	<i>Pteroglossaspis ecristata</i>	SSC	T	Terrestrial: pine rockland, upland hardwood forest, scrubby flatwoods, mesic flatwoods; on moist sand													San	Wak		
Winter quillwort	<i>Isoetes hyemalis</i>	Petition	E	Bog/fen, most commonly in shallow, running water in creeks, sloughs, and densely shaded river shores in deciduous and mixed swamp forests.							?									
Wild hydrangea	<i>Hydrangea arborescens</i>	ce	E	Terrestrial: bluff											Lib					
Wiregrass gentian	<i>Gentiana pennelliana</i>	SSC	E	Palustrine: seepage slope, wet prairie, roadside ditches Terrestrial: mesic flatwoods, planted slash pine	Bay	Cal		Fra		Gul				Leo	Lib			Wak	Wal	Was

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Wood's poppy-mallow	<i>Callirhoe papaver</i>	ce	E	Terrestrial: upland mixed forest, roadsides; edge or understory					Gad			Jac		Leo						
Yellow butterwort	<i>Pinguicula lutea</i>	ce	T	Palustrine: flatwoods, bogs	Bay	Cal		Fra	Gad	Gul		Jac	Jef	Leo	Lib	Oka	San	Wak	Wal	
Yellow fringed orchid	<i>Platanthera ciliaris</i>	ce	T	Palustrine: bogs, wet flatwoods Terrestrial: Bluff	Bay	Cal	Esc		Gad			Jac	Jef	Leo		Oka	San		Wal	Was
Yellow fringeless orchid	<i>Platanthera integra</i>	ce	E	Palustrine: wet prairie, seepage slope Terrestrial: mesic flatwoods	Bay	Cal	Esc	Fra		Gul		Jac			Lib	Oka	San		Wal	
Yellow-root	<i>Xanthorrhiza simplicissima</i>	ce	E	Riverine: seepage stream; sandy banks					Gad										Wal	

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